

Dr. Adam J. Schwartz is Director of Ames Laboratory, a Department of Energy National Laboratory located on the campus of Iowa State University in Ames, Iowa. He is also a professor of Materials Science and Engineering in the College of Engineering at Iowa State University. Ames Laboratory is a single program Office of Science laboratory with the mission to create materials, inspire minds to solve problems, and address global challenges. Prior to joining Ames Laboratory in 2014, he had nearly 23 years of materials science research and management experience at Lawrence Livermore National Laboratory in Livermore, CA that spanned physical metallurgy to condensed matter physics with a particular focus on phase transformations, phase stability, and electronic structure of actinides and lanthanides. He held leadership positions for Plutonium Aging, Dynamic Properties of Materials, and Physics and Engineering Models programs. He led the Lawrence Livermore National Laboratory team during the development of the Critical Materials Energy Innovation Hub then continued on as the Developing Substitutes Focus Area Leader. In this role, he leveraged his expertise in metallurgy, condensed matter physics, and technical management to drive the innovation of substitute materials. Dr. Schwartz has authored over 100 journal articles, monographs, book chapters, technical reports and co-edited two editions of *Electron Backscatter Diffraction in Materials Science* (Kluwer Academic/Plenum Publishers, 2000; Springer, 2009). Dr. Schwartz holds B.S. and M.S. degrees in Metallurgical Engineering and a Ph.D. degree in Materials Science and Engineering from University of Pittsburgh.